

Amendments to the Claims

1. (Currently amended) ^{unisolated} ~~A composition comprising a peptide~~
which is a fragment of a polypeptide of the CD55 family or a
derivative thereof, wherein said fragment or derivative
contains a T cell epitope, and wherein said fragment is of at
least seven contiguous amino acids, but fewer than 30 amino → page 13
acids, from the following amino acid sequence (SEQ ID NO:2):

Met Thr Val Ala Arg Pro Ser Val Pro Ala Ala Leu Pro Leu Leu Gly
1 5 10 15

Glu Leu Pro Arg Leu Leu Leu Leu Val Leu Leu Cys Leu Pro Ala Val
20 25 30

Trp Gly Asp Cys Gly Leu Pro Pro Asp Val Pro Asn Ala Gln Pro Ala
35 40 45

Leu Glu Gly Arg Thr Ser Phe Pro Glu Asp Thr Val Ile Thr Tyr Lys
50 55 60

Cys Glu Glu Ser Phe Val Lys Ile Pro Gly Glu Lys Asp Ser Val Ile
65 70 75 80

Cys Leu Lys Gly Ser Gln Trp Ser Asp Ile Glu Glu Phe Cys Asn Arg
85 90 95

Ser Cys Glu Val Pro Thr Arg Leu Asn Ser Ala Ser Leu Lys Gln Pro
100 105 110

Tyr Ile Thr Gln Asn Tyr Phe Pro Val Gly Thr Val Val Glu Tyr Glu
115 120 125

Cys Arg Pro Gly Tyr Arg Arg Glu Pro Ser Leu Ser Pro Lys Leu Thr
130 135 140

Cys Leu Gln Asn Leu Lys Trp Ser Thr Ala Val Glu Phe Cys Lys Lys
145 150 155 160

Lys Ser Cys Pro Asn Pro Gly Glu Ile Arg Asn Gly Gln Ile Asp Val
165 170 175

RECEIVED

AUG 20 2003

TECH CENTER 1600/2900

E'

mb
F1

Pro Gly Gly Ile Leu Phe Gly Ala Thr Ile Ser Phe Ser Cys Asn Thr
180 185 190

Gly Tyr Lys Leu Phe Gly Ser Thr Ser Ser Phe Cys Leu Ile Ser Gly
195 200 205

Ser Ser Val Gln Trp Ser Asp Pro Leu Pro Glu Cys Arg Glu Ile Tyr
210 215 220

Cys Pro Ala Pro Pro Gln Ile Asp Asn Gly Ile Ile Gln Gly Glu Arg
225 230 235 240

Asp His Tyr Gly Tyr Arg Gln Ser Val Thr Tyr Ala Cys Asn Lys Gly
245 250 255

Phe Thr Met Ile Gly Glu His Ser Ile Tyr Cys Thr Val Asn Asn Asp
260 265 270

Glu Gly Glu Trp Ser Gly Pro Pro Pro Glu Cys Arg Gly Lys Ser Leu
275 280 285

Thr Ser Lys Val Pro Pro Thr Val Gln Lys Pro Thr Thr Val Asn Val
290 295 300

Pro Thr Thr Glu Val Ser Pro Thr Ser Gln Lys Thr Thr Thr Lys Thr
305 310 315 320

Thr Thr Pro Asn Ala Gln Ala Thr Arg Ser Thr Pro Val Ser Arg Thr
325 330 335

Thr Lys His Phe His Glu Thr Thr Pro Asn Lys Gly Ser Gly Thr Thr
340 345 350

Ser Gly Thr Thr Arg Leu Leu Ser Gly His Thr Cys Phe Thr Leu Thr
355 360 365

Gly Leu Leu Gly Thr Leu Val Thr Met Gly Leu Leu Thr,
370 375 380

or wherein said derivative varies from said fragment only by
the substitution of 1 or 2 amino acids.

5. (Currently amended) A ~~composition~~ peptide according to claim 1 wherein the fragment or derivative includes part ~~or~~ ^{sequence?} all of the amino acid sequence consisting of amino acids 97-159 of the sequence shown in claim 1 (SEQ ID NO:2).

6. (Currently amended) A ~~composition~~ peptide according to claim 5 wherein the fragment or derivative includes a sequence having at least five amino acids identical with corresponding amino acids of a contiguous stretch of seven amino acids contained within amino acids 121-128 or 151-158 of the sequence shown in claim 1 (SEQ ID NO:2). 016

mb
f1
SI
1
7. (Currently amended) A ~~composition~~ peptide according to claim 1 wherein the fragment or derivative includes a sequence having at least six amino acids identical with corresponding amino acids of a contiguous stretch of nine amino acids contained within amino acids 83-93 of the sequence shown in claim 1 (SEQ ID NO:2).

11. (Currently amended) A ~~composition~~ peptide according to claim 1 wherein the fragment is of at least nine contiguous amino acids.

12. (Currently amended) A ~~composition~~ peptide according to claim 11 wherein the fragment is of at least 13 contiguous amino acids.

13. (Cancelled)

14. (Cancelled)

19. (Cancelled)

mb
f1
34. (Currently amended) A ~~composition~~ peptide according to claim 1, wherein said T cell epitope is a T cell epitope of said polypeptide of the CD55 family.